

Table A8. Annual U.S. Electricity Supply and Demand: Base Case
(Billion Kilowatt-hours)

| | Year | | | | | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
| Net Electricity Generation | | | | | | | | | | | | | | | |
| Electric Power Sector ^a | | | | | | | | | | | | | | | |
| Coal | 1597.7 | 1665.5 | 1666.3 | 1686.1 | 1772.0 | 1820.8 | 1850.2 | 1858.6 | 1943.1 | 1882.8 | 1910.6 | 1952.7 | 1954.0 | 1976.3 | 2018.1 |
| Petroleum | 92.2 | 105.4 | 98.7 | 68.1 | 74.8 | 86.5 | 122.2 | 111.5 | 105.2 | 119.1 | 89.7 | 113.7 | 112.5 | 123.0 | 128.3 |
| Natural Gas | 334.3 | 342.2 | 385.7 | 419.2 | 378.8 | 399.6 | 449.3 | 473.0 | 518.0 | 554.9 | 607.7 | 567.3 | 618.6 | 677.4 | 687.9 |
| Nuclear | 618.8 | 610.3 | 640.4 | 673.4 | 674.7 | 628.6 | 673.7 | 728.3 | 753.9 | 768.8 | 780.1 | 763.7 | 788.5 | 776.7 | 792.1 |
| Hydroelectric | 245.8 | 273.5 | 250.6 | 302.7 | 338.1 | 346.6 | 313.4 | 308.6 | 265.8 | 204.9 | 251.7 | 260.6 | 256.6 | 256.8 | 289.8 |
| Other ^b | 45.5 | 47.0 | 47.0 | 44.8 | 45.8 | 47.3 | 48.6 | 50.0 | 51.6 | 49.4 | 58.6 | 63.1 | 63.5 | 75.5 | 82.0 |
| Subtotal | 2934.4 | 3043.9 | 3088.7 | 3194.2 | 3284.1 | 3329.4 | 3457.4 | 3530.0 | 3637.5 | 3580.1 | 3698.5 | 3721.2 | 3793.6 | 3885.6 | 3998.2 |
| Other Sectors ^c | 149.5 | 153.3 | 158.8 | 159.3 | 160.0 | 162.8 | 162.9 | 164.8 | 164.6 | 156.6 | 160.0 | 162.0 | 159.8 | 162.9 | 164.7 |
| Total | 3083.9 | 3197.2 | 3247.5 | 3353.5 | 3444.2 | 3492.2 | 3620.3 | 3694.8 | 3802.1 | 3736.6 | 3858.5 | 3883.2 | 3953.4 | 4048.5 | 4162.9 |
| Net Imports | 25.4 | 27.8 | 44.8 | 39.2 | 40.2 | 34.1 | 25.9 | 29.0 | 33.8 | 22.0 | 22.8 | 6.4 | 11.3 | 18.1 | 4.1 |
| Total Supply | 3109.3 | 3225.0 | 3292.3 | 3392.7 | 3484.4 | 3526.2 | 3646.2 | 3723.8 | 3835.9 | 3758.7 | 3881.3 | 3889.6 | 3964.7 | 4066.5 | 4167.0 |
| Losses and Unaccounted for ^d | 223.7 | 236.0 | 223.7 | 235.4 | 237.4 | 232.2 | 221.0 | 229.2 | 233.0 | 216.1 | 242.1 | 222.5 | 237.8 | 237.7 | 243.3 |
| Demand | | | | | | | | | | | | | | | |
| Retail Sales ^e | | | | | | | | | | | | | | | |
| Residential | 935.9 | 994.8 | 1008.5 | 1042.5 | 1082.5 | 1075.9 | 1130.1 | 1144.9 | 1192.4 | 1202.6 | 1267.0 | 1273.5 | 1293.4 | 1342.1 | 1381.9 |
| Commercial ^f | 850.0 | 884.7 | 913.1 | 953.1 | 980.1 | 1026.6 | 1078.0 | 1103.8 | 1159.3 | 1197.4 | 1217.9 | 1199.7 | 1228.5 | 1267.4 | 1297.1 |
| Industrial | 972.7 | 977.2 | 1008.0 | 1012.7 | 1033.6 | 1038.2 | 1051.2 | 1058.2 | 1064.2 | 964.2 | 972.2 | 1008.0 | 1020.9 | 1031.1 | 1053.8 |
| Transportation ^g | 4.7 | 4.8 | 5.0 | 5.0 | 4.9 | 4.9 | 5.0 | 5.1 | 5.4 | 5.5 | 5.5 | 7.0 | 7.7 | 8.5 | 9.2 |
| Subtotal | 2763.4 | 2861.5 | 2934.6 | 3013.3 | 3101.1 | 3145.6 | 3264.2 | 3312.1 | 3421.4 | 3369.8 | 3462.5 | 3488.2 | 3550.5 | 3649.0 | 3742.0 |
| Other Use/Sales ^h | 122.3 | 127.5 | 134.1 | 144.1 | 145.9 | 148.4 | 160.9 | 182.5 | 181.5 | 172.8 | 176.6 | 178.9 | 176.4 | 179.8 | 181.8 |
| Total Demand | 2885.6 | 2989.0 | 3068.7 | 3157.3 | 3247.0 | 3294.0 | 3425.1 | 3494.6 | 3602.9 | 3542.6 | 3639.1 | 3667.1 | 3726.9 | 3828.8 | 3923.7 |

^aElectric Utilities and independent power producers.

^b"Other" includes generation from other gaseous fuels, geothermal, wind, wood, waste, and solar sources.

^cElectricity generation from combined heat and power facilities and electricity-only plants in the industrial and commercial sectors.

^dBalancing item, mainly transmission and distribution losses.

^eTotal of retail electricity sales by electric utilities and power marketers. Utility sales for historical periods are reported in EIA's *Electric Power Monthly* and *Electric Power Annual*. Power marketers' sales are reported annually in Appendix C of EIA's *Electric Sales and Revenue*. Quarterly data for power marketers (and thus retail sales totals) are imputed. Data for 2003 are estimated.

^fCommercial sector, including public street and highway lighting, interdepartmental sales and other sales to public authorities. These items, along with transportation sector; electricity were formerly included in an "other" category, which is no longer provided. (See EIA's *Monthly Energy Review*, Table 7.5, for a comparison of "Old Basis" and "New Basis" electricity retail sales.) Through 2003, data are estimated as the sum of "Old Basis Commercial" and approximately 95 percent of "Old Basis Other"; beginning in 2004, data are actual survey data.

^gTransportation sector, including sales to railroads and railways. Through 2003, data are estimated as approximately 5 percent of "Old Basis Other"; beginning in 2004, data are actual survey data.

^hDefined as the sum of facility use of onsite net electricity generation plus direct sales of power by industrial- or commercial-sector generators to third parties, reported annually in Table 7.5 of the *Monthly Energy Review* (MER). Data for 2003 are estimates.

Notes: Minor discrepancies with other EIA published historical data are due to rounding. Historical data are printed in bold; forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System and by EIA's office of Coal, Nuclear, Electric and Alternate Fuels (hydroelectric and nuclear).

Sources: Historical data: EIA: latest data available from EIA databases supporting the following report: *Electric Power Monthly*, DOE/EIA-0226. Projections: EIA, Regional Short-Term Energy Model database, and Office of Coal, Nuclear, Electric and Alternate Fuels.